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### SUGGESTIONS FOR FOR DAY CAMPS AND RECREATION PROGAMS



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By Nada Poole, Joan Luck, Lola Lewis and Elizabeth E. Curtis
Nutrition and Technical Services Staff

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### FOOD ASSISTANCE FROM USDA

Two USDA food assistance programs are available to provide foods for day camps and other recreation programs. The Food Distribution Program makes a number of basic foods available for all non-profit camps for children. In addition, for day camps and other summer recreation programs for children from low-income areas there is the "Special Food Service Program for Children." This program can provide cash reimbursement for as many as 3 meals and 2 supplemental feedings each day.

### **USDA** Donated Foods for Summer Camps

A number of donated foods<sup>1</sup> are available through State Agencies administering the Food Distribution Program. Food and Nutrition Service Regional Offices will give you the address of your State Food Distribution representative. The kinds of food vary from year to year but may include foods such as:

Dry beans Canned Luncheon Meat Salad Oil Bulgur (cracked wheat) Shortening Peanut Butter Canned Vegetables Butter Nonfat Dry Milk Corn Meal Rolled Oats Canned Fruits Flour Rice Dry Split Peas Grits Rolled Wheat Raisins

### Special Food Service Program For Children

Day Camps and Summer Recreation Programs may be able to qualify for the Special Food Service Program for Children, authorized under the National School Lunch Act. The program provides cash reimbursement from federal funds up to a maximum rate of 15¢ for each breakfast, 30¢ for each lunch, 30¢ for each supper and 10¢ for supplemental food served between meals.

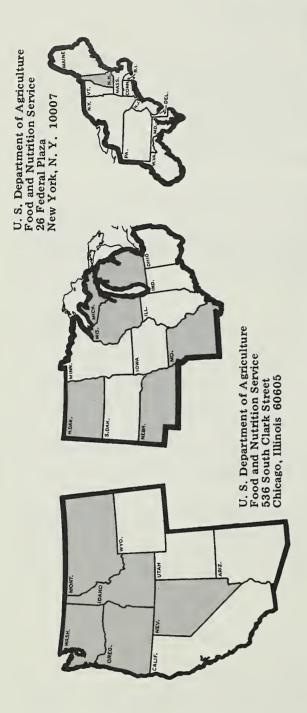
The Day Camp would have to:

- 1. Be for children and youth under 21 from low-income areas.
- 2. Be a non-residential camp.
- 3. Make suitable application. See page 2 for Agency to contact.
- 4. Serve meals (breakfast, lunch and supper) and snacks that meet USDA requirements for meal components and minimum portions according to age groups. (See page 7)

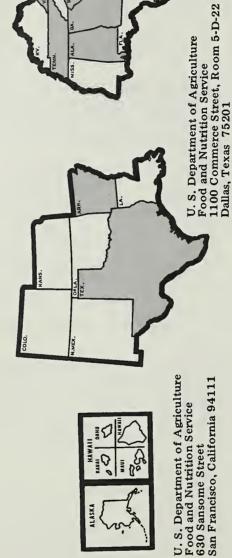
<sup>&</sup>lt;sup>1</sup> Most foods are available on order basis in quantities that can be used without waste.

## SPECIAL FOOD SERVICE PROGRAM FOR CHILDREN

For further information on Special Food Service Program: Nonprofit child care institutions in States listed below should contact the State Educational Agency in their Capital city. If your State is not listed below, write to the appropriate Regional Food and Nutrition Service Office.



Alaska
Arizona
California
Colorado
Connecticut
Delaware
District of Columbia
Florida
Guam
Hawaii
Illinois



Program administered by Regional Office

U.S. Department of Agriculture Food and Nutrition Service 1100 Spring Street, N.W. Atlanta, Georgia 30309

MassachusettsOklahomaMinnesotaPennsylvaniaMississippiPuerto RicoNew MexicoRhode IslandNew YorkSamoaNorth CarolinaSouth Dakot

Oklahoma Pennsylvania Puerto Rico Rhode Island Samoa South Dakota

Utah Vermont West Virginia Wyoming

Trust Territories

\*Maryland State Agency is in Baltimore

Maryland\*

Maine

Kentucky Louisiana

Kansas

Iowa

### SAFE FOOD HANDLING

Just as it is of utmost importance that the children of the Nation be fed nutritious, body-building meals, it is equally important that the meals be free from harmful substances, whether visible or invisible, that may cause illness. Nutrition and sanitation must go hand-in-hand in any good food service operation. Sanitation affects food storage, food preparation, food selection, and food value.

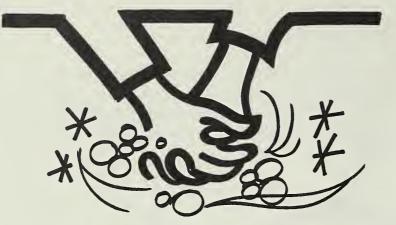


DON'T BE HALF SAFE!

### NO FOOD SERVICE OPERATION CAN BE ENTIRELY SAFE WITHOUT:

- Clean Hands Dirty hands spread germs.
- Clean Service Dishes, utensils and equipment that are not cleaned and sanitized may spread disease.
- Clean Food Food from unsafe sources and food that is not kept clean in preparation may be a health hazard.
- Right Temperature Prepared foods left standing at room temperature may become contaminated and cause illness.
- Healthy Workers Food workers with colds and other diseases may spread bacteria and pass diseases on to others. Germs from infected cuts and sores may cause food poisoning.

### MAKE YOUR FOOD SERVICE OPERATION ENTIRELY SAFE WITH:

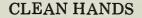


### CLEAN FOOD

Be sure that foods are safe. Buy from a reliable source and use only pasteurized milk, inspected stamped meat, government approved shellfish, etc.

Be sure all vegetables and fruits are thoroughly washed.

Be sure meats such as pork and poultry and foods containing egg are cooked thoroughly. (Standardized procedures and recipes are given in the School Lunch Recipe Card file. See page 13).



Be sure hands are washed thoroughly with soap and water before handling foods or utensils.

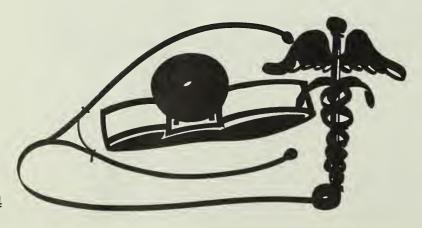
Be sure all eating and drinking utensils are properly handled during washing and serving.





### RIGHT TEMPERATURE

Be sure foods that are to be served hot, are kept hot (140° F.) and foods that are to be served cold, cold (refrigerated at 40° F.) until they are served.



### HEALTHY WORKERS

Be sure all persons handling food meet the health standards set up by local and State health authorities.

Be sure persons with infected cuts or sores, colds and other diseases do not handle food.

### SAFE PREPARATION OF PICNIC FOODS

### AVOID THE POSSIBILITIES OF FOOD CONTAMINATION AND SPOILAGE:

- Take extra care in the preparation and storage of perishable protein foods.
- When foods are cooked a day ahead of service, handle as little as possible. Cover, chill quickly and refrigerate. To refrigerate *these* foods, divide in small amounts and place in refrigerator so that sufficient air circulates around them.
- Prepare sandwiches and salads from chilled ingredients.
- Cut, slice and mix all ingredients on the day they are eaten.
- Do not use mayonnaise or salad dressings containing egg and milk ingredients to prepare cold lunches.
- Use dressings made of vinegar, lemon juice, tomato products, oil, etc.
- Make sandwiches in small batches.
- Refrigerate sandwiches and salads immediately after preparation or store in insulated containers. Polyfoam or similar materials may be used.
- Do not make sandwiches a day ahead. Bread acts as an insulator and prevents rapid chilling.

### **USDA DONATED FOODS**

### When ordering foods:

Give the State distributing agency a realistic estimate of needs. Do not order products that will not actually be used. Notify the State Agency of any donated food remaining at the close of the camping season.

Be prepared to accept delivery and properly store the food whenever it becomes available — even if it is several weeks before camp opens. Camps or recreation programs may have to arrange for transportation of the food from distributing agency warehouses or pay nominal charges for transportation and other services.

Notify the distributing agency *immediately* if donated food is found to be infested or out-of-condition.

### Storage of USDA Donated Foods:

Store USDA Donated Foods properly to retain their high quality. A storage area should be provided convenient to the food preparation area.

Follow the storage instructions on the cartons. Write the arrival date on all unopened cases with a wax crayon or pencil. Staple items such as flour, cereal products, and dry beans should be stored in containers (plastic or galvanized).

All small packages or cans should be placed on the shelves in neat, even rows, with similar items together. Unopened cases should be stacked so that the labels are visible.

### Some helpful storage reminders are:

- 1. A thermometer is essential in any room where food stuffs are stored. The correct dry storage temperature is 50° to 70° F., refrigerated storage 32° to 40° F. and freezer storage 0° F. or below.
- 2. Air should be allowed to circulate over, under and around all food items.
- 3. Use foods on first-in, first-out basis.
- 4. Store foods on shelves, dollies or skids do not put directly on the floor.
- 5. Store all flour, cereal products, dry beans, etc. in a cool, dry and well ventilated area.
- 6. Make a record of all food received and used. This can help in accounting for foods and menu planning.

## REQUIRED AMOUNTS OF FOOD TO SERVE FOR BOYS AND GIRLS OF SPECIFIED AGES (Special Food Service Program for Children)

AM OR PM SUPPLEMENT: Milk or Juice <sup>2</sup> or Fruit or Vegetable Bread and/or Cereal <sup>3</sup> Bread <sup>4</sup> Cereal	LUNCH AND/OR SUPPER PATTERN:  Meat and/or Alternate: One of the following combinations to give equivalent quantities:  Meat, poultry, fish Cheese Egg <sup>5</sup> Cooked dry beans and peas Peanut Butter Vegetable and/or Fruit <sup>6</sup> Bread <sup>4</sup> Butter or Fortified margarine Milk	BREAKFAST PATTERN: Juice <sup>2</sup> or Fruit Cereal and/or Bread: <sup>3</sup> Cereal Bread <sup>4</sup> Milk	Pattern
1/2 cup 1/2 slice 1/4 cup	1 ounce 1 ounce 1 1/8 cup 1/8 cup 1/4 cup 1/2 slice 1/2 teaspoon 1/2 cup	1/4 cup 1/4 cup 1/2 slice 1/2 cup	1 up to 3 years
1/2 cup 1/2 slice 1/3 cup	1-1/2 ounces 1-1/2 ounces 1 1/4 cup 2 Tbsp. 1/2 cup 1/2 slice 1/2 slice 1/2 teaspoon 3/4 cup	1/2 cup 1/3 cup 1/2 slice 3/4 cup	3 up to 6 years
1 cup 1 slice 3/4 cup	2 ounces 2 ounces 1 1/3 to 1/2 cup 3 to 4 Tbsp. 3/4 cup 1 slice 1 teaspoon 1 cup	1/2 cup 3/4 cup 1 slice 1 cup	6 up to 12 years <sup>1</sup>
1 cup 1 slice 3/4 cup	3 ounces 3 ounces 1 3/4 cup 4 Tbsp. 1 cup 1 slice 1 teaspoon 1 cup	3/4 cup 3/4 cup 1 slice 1 cup	12 Girls
1 cup 2 slices 1 cup	3 ounces 3 ounces 1 to 1-1/4 cup 5 Tbsp. 1-1/4 to 1-1/2 cups 2 to 3 slices 1 to 2 teaspoon 1 cup	1 cup 1 cup 2 to 3 slices 1 cup	12 and over:  Boys <sup>1</sup>

<sup>When a range in amounts is given, the smaller amount is suggested for younger children.
Full strength fruit or vegetable juice.
Full strength fruit or vegetable juice.
Enriched or whole grain.
Or an equivalent quantity of cornbread, biscuits, rolls or muffins, etc. made of whole grain or enriched meal or flour.
When egg is served as main dish, use in addition a half portion of meat or alternate for all children except those 1 up to 6 years.
Must include at least two kinds.
NOTE: Crackers and cookies made of enriched or whole grain meal or flour may be used as bread alternate for am or pm supplements.</sup> 

### MEAL PLANNING FORM

Tuesday					
Monday			•		
Pattern	BREAKFAST Juice or Fruit Cereal and/or Bread Milk Other Foods	A.M. SUPPLEMENT Milk or Juice or Fruit or Vegetable Bread or Cereal	NOON MEAL Meat and/or Alternate Vegetables and/or Fruits Bread Butter/Margarine Milk Other Foods	P. M. SUPPLEMENT Milk or Juice or Fruit or Vegetable Bread or Cereal	EVENING MEAL Meat and/or Alternate Vegetables and/or Fruits Bread Butter/Margarine Milk Other Foods

### 9

### IDEAS FOR PREPARATION OF FOOD

## FOR DAY CAMPS WITH LIMITED FACILITIES

Children could help prepare vegetables, meats, salads, breads and fruits.

Most children like foods that they can pick up with their fingers.

Some NUTRITIOUS "FINGER FOODS" that may be eaten raw:

Apple Quarters
Broccoli Flowers
Cabbage Wedges
Carrot Sticks
Cauliflowerets
Celery Sticks
Cheese Cubes

Dried Peaches
Green Beans
Green Onions
Green Pepper Rings
Melon Wedges
Orange Sections
Peach Quarters

Pineapple Sticks
Radishes
Raisins
Sweet Potato Sticks
Tomato Wedges
Turnip Slices
Watermelon Cubes

Older boys and girls can "cook-out" on grills and campfires.

Picnic style meals create interest and provide ways for children to prepare their own foods, such as:

Baked Beans Charcoal Baked Potatoes Charcoal Frankfurters

Grilled Hamburgers
Toasted Marshmallows
Toasted Rolls

All Sandwiches should be spread with butter to meet meal requirements

**Pickles** Catsup Mustard Salad Dressings Lettuce Might be available for sandwich meals. Should be available to use as children like.

Relishes

# SUGGESTED MENUS FOR DAY CAMPS WITH LIMITED PREPARATION FACILITIES (Based on Food Needs of 6-12 Year Old Children)

FRIDAY	Orange Juice (1/2 cup) Instant Oatmeal (1/2 cup) Muffin, Butter Milk (8 oz.)	Tomato Juice (1 cup) Cheese Cube Roll	Tuna Fish Sandwich (2 oz. Tuna) Pickled Beets (1/2 cup) Assorted Fresh Fruit (1) Milk (8 oz.) Assorted Cookies (2)	Fresh Pear (1) Milk (1/2 cup) Peanut Butter Cookies (2)	Grilled Frankfurters (2 oz.) Bun Sauerkraut (1/4 cup) Green Onions, Radishes (1/4 cup) Raisins (1/4 cup) Milk (8 oz.) Toasted Marshmallows
THURSDAY	Sliced Peaches (1/2 cup) Dry Cereal (3/4 cup) Milk (8 oz.)	Milk (1 cup) Raisin Bread (1 slice)	Baked Ham Sandwich (2 oz. Ham) Pickle Chips Carrot and Raisin Salad (1/4 cup) Fruit Pie (1/2 cup fruit) Milk (8 oz.)	Vegetable Juice (3/4 cup) Sliced Pineapple (1/4 cup) Cream Cheese on Whole Wheat Bread (1 slice)	Sliced Chopped Meat (2 oz.) Soft Roll Lettuce and Pepper rings (1/4 cup) Pineapple Sticks (1/2 cup) Milk (8 oz.) Assorted Puddings (1/2 cup)
WEDNESDAY	Grapefruit Sections (1/2 cup) Bread (1 slice) Jelly Milk (8 oz.)	Apple Juice (1 cup) Doughnut	Grilled Hamburger (2 oz.) Roll Tomato, Onion and Lettuce Salad (1/4 cup) Baked Beans (1/2 cup) Milk (8 oz.) Chocolate Chip Cookies (2)	Water Melon Slice (1 cup) Sugar Cookies (2)	Peanut Butter and Jelly Sandwich (2 T peanut butter) Cheese Sticks (1 oz.) Carrot, Celery and Pepper Sticks (1/4 cup) Apple (1) Milk (8 oz.)
TUESDAY	Fresh Berries (1/2 cup) Dry Cereal (3/4 cup) Milk (8 oz.)	Vegetable Juice (1 cup) Cinnamon Roll	Sliced Chicken Sandwich (2 oz. chicken) Tomato Wedges (1/4 cup) Buttered Baked Potato (1/4 cup) Pear Helves (1/4 cup) Milk (8 oz.) Oatmeal Cookies (2)	Banana (1) Boston Brown Bread (1 slice)	American Cheese Sandwich (2 oz. cheese) Three Bean Salad (1/2 cup) Grapes (1/4 cup) Frosted Cup Cake (1) Milk (8 oz.)
MONDAY	Applesauce (1/2 cup) Whole Wheat Bread (1 slice) Butter Milk (8 oz.)	Grape Juice (1 cup) Roll	Spiced Luncheon Meat (1 oz.) Pimento Cheese (1 oz.) Cole Slaw (1/2 cup) Orange (1) Soft Roll Milk (8 oz.)	Chocolate Milk (8 oz.) Sweet Roll	Barbecue (2 oz.) Bun French Fried Potatoes (1/2 cup) Celery-Carrot Sticks Fruit Cocktail (1/4 cup) Milk (8 oz.) Plain Cookies (2)
PATTERN	BREAKFAST Juice of Fruit Cereal and/or Bread Milk Other Foods	A.M. SUPPLEMENT Milk, Juice, Fruit or Vegetable Bread or Cereal	NOON MEAL Meat and/or Alternate Vegetables and/or Fruits Bread Butter/Margarine Milk Other Foods	P.M. SUPPLEMENT Milk, Juice, Fruit or Vegetable Bread or Cereal	EVENING MEAL Meat and/or Alternate Vegetables and/or Fruits Bread Butter/Margarine Milk Other Foods

NOTE: All Baked Products Must Be Made With Whole Grain Or Enriched Meal Or Flour

# SUGGESTED MENUS FOR DAY CAMPS WITH PREPARATION FACILITIES (Based on needs of 6-12 Year Old Children)

Meat and/or Alternate Meat and/or Alternate Vegetables and/or Fruits Bread Butter/Margarine Milk Other Foods	P.M. SUPPLEMENT Milk, Juice, Fruit or Vegetable Bread or Cereal	NOON MEAL Meat and/or Alternate Vegetables and/or, Fruits Bread Butter/Margarine Milk Other Foods	A.M. SUPPLEMENT Milk, Juice, Fruit or Vegetable Bread or Cereal	BREAKFAST Juice or Fruit Cereal and/or Bread Milk Other Foods	PATTERN
Oven-Fried Chicken* (2 oz.) Corn Pudding* (1/4 cup) Buttered Spinach (1/4 cup) Cantalope (1/4 cup) Bread* (1 slice) Butter Milk (8 oz.)	Milk (8 oz.) Boston Brown Bread* (1 slice)	Tomato Soup (1/4 cup) Peanut Butter-Carrot- Raisin Sandwich* (2 T. Peanut Butter, 1/4 cup veg.) Deviled Egg (1/2) Pears (1/4 cup) Cookies (2)* Milk (8 oz.)	Banana (1) Cinnamon Toast (1 slice)	Orange Juice (1/2 cup) Baked Chopped Meat (1 slice) Buttered Toast (1 slice) Milk (8 oz.)	MONDAY
Bean Soup* (1/2 cup beans) Tomato Salad (1/4 cup) Baked Apple w/Lemon- Raisin Sauce (1/2 cup) Toast Squares (1 slice) Butter Milk (8 oz.)	Watermelon (1 cup) Peanut Butter Cookies (2)	Ground Beef and Spaghetti* (2 oz. meat) Buttered Green Beans (1/4 cup) Waldorf Salad (1/2 cup) Bread* (1 slice) Butter Milk (8 oz.)	Vegetable Juice (1 cup) Oven Baked Doughnut*	Canned Plums (1/2 cup) Grits (3/4 cup) Milk (8 oz.)	TUESDAY
Baked Canned Chopped Meat (2 oz.) Sweet Potato w/Pineapple (1/2 cup) Buttered Kale (1/4 cup) Cherry Cobbler* (1/4 cup fruit) Bread* (1 slice) Butter Milk (8 oz.)	Chocolate Milk (8 oz.) Plain Cookies* (2)	Tuna Salad (1/2 cup) Potato Chips Celery, Carrot, Green Pepper Pieces (1/4 cup) Bread (1 slice) Butter Peach Crisp (1/2 cup fruit) Milk (8 oz.)	Grape Juice* (1 cup) Wheat Bread* (1 slice)	Tomato Juice (1/2 cup) Scrambled Eggs Toast (1 slice) Jelly Milk (8 oz.)	WEDNESDAY
Beef Stew* (2 oz. meat, 1/4 cup vegetables) Fruit Salad (1/2 cup) Corn Muffin* Butter Milk (8 oz.) Ice Cream	Raw Celery, Carrot, Green Pepper Pieces (1/4 cup) Toast (1 slice) Milk (8 oz.)	Roast Beef Sandwich (2 oz. beef) Pickle Slice Tossed Salad (1/2 cup) Sweet Potato Pie (1/4 cup) Milk (8 oz)	Peanut Butter Milk (8 oz.) Toasted Muffin (1)	Orange Juice (1/2 cup) Hot Oatmeal (3/4 cup) Milk (8 oz)	THURSDAY
Rice-Cheese Casserole* (2/3 cup) Buttered Green Peas (1/4 cup) Fresh Grapes (1/2 cup) Sweet Roll Butter Milk (8 oz.)	Apple Juice (1 cup) Oatmeal Cookies (2)	Oven-Fried Perch Fillets (2 oz.) (2 oz.) Oven-Fried Potatoes (1/2 cup) Cabbage-Pepper Slaw (1/4 cup) Roll Butter Milk (8 oz.)	Orange Juice (1 cup) Toasted Biscuit	Stewed Prunes (1/2 cup) Hot Biscuit,* Butter Milk (8 oz.)	FRIDAY

# SUGGESTED MENUS FOR DAY CAMPS WITH PREPARATION FACILITIES (Based on needs of 6-12 Year Old Children)

FRIDAY	Grapefruit Juice (1/2 cup) Drop Biscuit* Butter Milk (8 oz.)	Milk (8 oz.) Cinnamon Toast (1 slice)	Salmon Loaf (2 oz.) Stewed Tomatoes (1/2 cup) Celery Sticks (1/4 cup) Bread Milk (8 oz.) Chocolate Pudding	Assorted Juice (1/2 cup) Fresh Plums (2) Peanut Butter Cookies (2)	Turkey Pie* (2 oz. turkey, 1/4.cup vegetable) Biscuit Topping Buttered Corn (1/4 cup) Tossed Green Salad* (1/4 cup) Milk (8 oz.)
THURSDAY	Stewed Prunes (1/2 cup) Whole Wheat Toast (1 slice) Butter Milk (8 oz.)	Vegetable Juice (1 cup) Roll	Turkey Sandwich (1 oz. Turkey) Kidney Bean Salad (1/2 cup) Pickled Beets (1/2 cup) Pineapple Slices (1/4 cup) Milk (8 oz.) Plain Cake*	Milk (8 oz.) Coffee Cake	Oven-Fried Chicken* (2 oz.) Mashed Potatoes (1/4 cup) Buttered Peas (1/2 cup) Fresh Apple (1) Bread (1 slice) Butter Milk (8 oz.)
WEDNESDAY	Applesauce (1/2 cup) Raisin Muffin* Butter Milk (8 oz.)	Chocolate Milk with Marshmallow (8 oz.) Toasted Cornbread	Beef Patties (2 oz.) French Fried Potatoes (1/2 cup) Pear Halves w/Shredded Cheese Salad (1/4 cup) Bun Milk (8 oz.)	Orange Juice (1 cup) Toasted Muffin	Macaroni and Cheese (1 oz. cheese) Hard Cooked Egg Half Buttered Green Beans (1/2 cup) Bread (1 slice) Peach Cobbler (1/4 cup fruit) Milk (8 oz.)
TUESDAY	Sliced Peaches (1/2 cup) Dry Cereal (3/4 cup) Milk (8 oz.)	Tomato Juice (1 cup) Cheese Toast (1 slice)	Oven-Fried Liver (2 oz.) Parsley Rice (1/2 cup) Buttered Broccoli (1/4 cup) Waldorf Salad (1/2 cup) Cornbread* Butter Milk (8 oz.)	Milk (8 oz.) Boston Brown Bread* (1 slice)	Frankfurters (2 oz.) Potato Salad (1/2 cup) Oven Cooked Spinach* (1/4 cup) Bun Milk (8 oz.) Rice Pudding with Raisins
MONDAY	Orange Juice (1/2 cup) Rolled Wheat (3/8 cup) Buttered Toast (1/2 slice) Milk (8 oz.)	Stewed Apples (1/2 cup) Buttered Biscuit Milk (1/2 cup)	Barbecued Beef* (1/2 cup Beef) Roll Buttered Green Lima Beans (1/2 cup) Cole Slaw (1/4 cup) Milk (8 oz.) Gingerbread with Whipped Topping*	Milk (8 oz.) Plain Cookies* (2)	Chili Con Carne  w/Beans* (1/2 cup) Tossed Green Salad* (1/2 cup) Toasted French Bread (1 slice) Butter Berry Pie (1/4 cup fruit) Milk (8 oz)
PATTERN	BREAKFAST Juice or Fruit Cereal and/or Bread Milk Other Foods	A.M. SUPPLEMENT Milk, Juice, Fruit or or Vegetable Bread or Cereal	NOON MEAL Meat and/or Alternate Vegetables and/or Fruits Bread Butter/Margarine Milk Other Foods	P.M. SUPPLEMENT Milk, Juice, Fruit or Vegetable Bread or Cereal	EVENING MEAL Meat and/or Alternate Vegetable and/or Fruits Bread Butter/Margarine Milk Other Foods

NOTE: All Baked Products Must Be Made With Whole Grain or Enriched Meal Or Flour

\*Recipe is included

### SELECTED RECIPES FROM "Quality Recipes for Type A School Lunches"

Cereal Products Biscuits	Page 14	Main Dishes (Continued) Chicken or Turkey Pie (with	Page
Cheese Biscuits		Biscuit Topping)	31 27
Cornmeal Biscuits		Chili Con Carne with Beans	
Drop Biscuits	4.4	Ground Beef and Spaghetti	28 29
Boston Brown Bread	14	Oven-Fried Chicken	29
Date Boston Brown Bread	4.0	Pork and Sauerkraut	29
Combread	16		
Muffins	16	Salads	
Date Muffins		Tossed Salad	33
Raisin Muffins		with Carrots	
White Bread	15	with Tomatoes	
Raisin Bread			
Wheat Bread		Salad Dressing	
		French Dressing	32
Desserts		Cream French Dressing	
Cherry Cobbler	17	Honey French Dressing	
Cream Pudding	18	Tomato French Dressing	
Chocolate Pudding			
Peanut Butter Pudding		Sandwiches	
Gingerbread	19	Barbecued Beef on Roll	34
Oven-Baked Doughnuts with		Barbecued Chicken or Turkey	
Frosting	20	Barbecued Lamb or Pork	
Pastry (For Cobblers and Pies)	18	Peanut Butter-Carrot-Raisin Sandwich	35
Vanilla Cookies	24	Peanut Butter-Fig Sandwich	
Chocolate Chip Cookies		Tourist David Tig Dana William	
Coconut Cookies		Sound	
Raisin Cookies		Soups Boan Soup	36
Vanilla Cream Frosting	20	Bean Soup	90
Chocolate Cream Frosting		Frankfurter-Bean Soup	37
Lemon Cream Frosting		Split Pea Soup	31
Orange Cream Frosting		77 ( ) 11	
Whipped Topping	22	Vegetables	9.0
Yellow Cake	23	Preparing Fresh Vegetables	38
Pineapple Upside-Down Cake		Corn Pudding	39
Main Dishes		How to Calculate	
Cooking Dry Beans and Split Peas	25	The Quantities of Foods Needed	40
Beef Stew	26		
Lamb Stew	20	How to Reconstitute	
Lamb or Beef Pie		Nonfat Dry Milk:	
Cheese-Rice Casserole	30	Non-Instant and Instant	41
Cheese-Ham-Rice Casserole		2. Old Island Control Island Control	
Cheese-Luncheon Meat-Rice			
Casserole			

The complete recipe card file and a guide to quantity buying are available. PA-270 Food Buying Guide for Type A School Lunches (\$1.25) and PA-631 Quantity Recipes for Type A School Lunches (\$8.) can be ordered from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402. Check or money order should be made payable to the Superintendent of Documents.

To and Plant	100 servings		For	Directions
Ingredients	Weights	Measures	servings	Directions
All-purpose flour Nonfat dry milk Baking powder Salt Shortening	3 oz 1 oz	1/2 cup		1. Blend dry ingredients 5 minutes in mixer on low speed. Cut in fat. YIELD OF MIX: 5 lb 15 oz (1-1/4 gal).
Water		About 1 qt	•••••	<ol> <li>Add enough water to make a soft dough.</li> <li>Turn out on a lightly floured board, divide into halves, and knead lightly about 1 minute.</li> <li>Roll out to 1/2-inch thickness. Cut with a floured 2-inch buiscuit cutter and place on baking sheets or place dough on baking sheets and cut into 2-inch squares.</li> <li>Bake 12 to 15 minutes at 425° F (hot oven).</li> </ol>

SERVING: 1 biscuit-provides a serving of bread.

▲Non-instant nonfat dry milk (card A-10).

### **VARIATIONS**

- a. CHEESE BISCUITS: Add 1 lb (1 qt) grated cheese to blended dry ingredients.
- b. CORNMEAL BISCUITS: Use only 3 lb (3 qt) all-purpose flour and add 1 lb (3 cups) cornmeal.
- c. DROP BISCUITS: Increase water to about 1-1/4 qt and portion with spoon or scoop (about 2 Tbsp).

### **BOSTON BROWN BREAD**

**Bread** 

Cereal Products B-4

Dicad	Diedu Ociedi Hoddels D 4					
Ingredients	100 servings (4 loaves, 25 slices each)		For	Directions		
	Weights	Measures	servings	Directions		
Whole wheat flour Cornmeal Baking soda Salt Raisins	1 oz	2-2/3 Tbsp		1. Blend dry ingredients 5 minutes in mixer on low speed. Mix in raisins.		
Buttermilk (see card A—10)	2 lb 14 oz	2 qt		Stir into dry ingredients, blending only until dry ingredients are moist and mixture		

SERVING: 1 slice—provides a serving of bread.

### **VARIATION**

a. DATE BOSTON BROWN BREAD: Use 1 lb 4 oz (3 cups) chopped, pitted dates in place of raisins.

Dreau	Dieau Cerem Houtets B 13				
Ingredients	300 se (10 loaves, 3	ervings 0 slices each)	For	Directions	
	Weights	Measures	servings		
or Active dry yeast Warm water (temperature 110° F).  All-purpose flour Nonfat dry milk Sugar	or 5 oz	or 1 cup 1 qt 1-1/3 cups  11 qt 2 cups 2-1/2 cups 1/3 cup		mixer bowl on low speed. Add fat. 3. Add water while mixing on low speed with dough hook for 1 minute. Add yeast mixture while mixing on low speed for 4 minutes. Mix on medium speed for 10	
ture of F).				<ul> <li>about 30 minutes until doubled in volume.</li> <li>5. Divide dough into 10 loaves, 2 lb each. Mold and place in greased or siliconetreated bread pans (about 16-1/2 by 4-1/2 by 4 inches).</li> <li>6. Let rise in a warm place (90° F) for 30 minutes.</li> <li>7. Bake 20 minutes at 400° F (hot oven).</li> </ul>	

SERVING: 1 slice—provides a serving of bread.

▲Non-instant nonfat dry milk (card A-10).

### **VARIATIONS**

a. WHITE BREAD (using bread flour): Use bread flour in place of all-purpose flour.
b. RAISIN BREAD: Increase yeast to 1 lb 5 oz (2-3/4 cups) compressed or 10 oz (2 cups) active dry and add 4 lb 8 oz (3 qt 2-1/2 cups) raisins with the dry ingredients. Bake at 375° F (moderate oven) about 30 minutes.
c. WHEAT BREAD: Use equal parts of all-purpose and whole wheat flours. Bake 30 to 35 minutes at 400° F

(hot oven).

	100 servings			For	
Ingredients	Weights	Measures	servings	Directions	
All-purpose flour Cornmeal or Corn grits Baking powder Nonfat dry milk Sugar Salt	4 lb	3 qt		1. Blend dry ingredients 5 minutes in mixer on low speed. YIELD OF MIX: 10 lb 4 oz (2 gal).	
Eggs, beaten (see note). Oil or fat, melted Water		24 large 3 cups 2 qt 2-1/3 cups		ingredients; mix just enough to moisten.	

SERVING: 1 piece, 2 by 3-3/4 inches—provides a serving of bread.

▲Non-instant nonfat dry milk (card A-10).

### **MUFFINS**

**Bread** Cereal Products B-10

Diedu Celeal Houdes B-10				
T	100 servings		For	D: /:
Ingredients	Weights	Measures	servings	Directions
All-purpose flour Nonfat dry milk Baking powder  Sugar Salt	10 oz 5 oz 1 lb 5 oz	2 cups▲ 1 cup less 2 Tbsp. 3 cups		YIELD OF MIX: 7 lb 9 oz (1 gal 2-3/4 qt).
Eggs, beaten Oil Water	1 lb 2 oz	10 large 3 cups 2 qt 1-1/3 cups		<ol> <li>Combine eggs, oil, and water. Add to dry ingredients and stir only until dry ingredients are moistened and batter has lumpy appearance.</li> <li>Using a No. 20 scoop (3-1/5 Tbsp), portion into greased muffin tins.</li> <li>Bake at 400° F (hot oven) 20 minutes until light brown.</li> </ol>

SERVING: 1 muffin-provides a serving of bread.

### **VARIATIONS**

<sup>▲</sup>Non-instant nonfat dry milk (card A—10).

<sup>a. DATE MUFFINS: Mix 2 lb (1-1/4 qt) chopped, pitted dates into the blended dry ingredients.
b. RAISIN MUFFINS: Mix 2 lb (1 qt 2-1/2 cups) raisins into the blended dry ingredients.</sup> 

100 servings		For	Directions		
Ingredients	Weights	Measures	servings	Directions	
★Frozen red, tart, pitted cherries, thawed (card C-2).	30 lb 8 oz	3-3/4 gal		1. Drain cherries. Heat liquid.	
Cornstarch Sugar Salt Red food coloring (if desired). *Lemon juice Unbaked pastry (card C—19).	2 lb	1 qt 1/2 cup		hot liquid. Cook and stir constantly until thickened. Add food coloring and lemon juice.  3. Add cherries to sauce. Pour into 4 baking	

SERVING: 1/2 cup-provides 1/2 cup fruit.

### VARIATION

★a. CHERRY COBBLER (using canned fruit): Use 28 lb (3-1/4 gal) canned red, tart, pitted cherries and increase sugar to 6 lb (3 qt 1-1/2 cups). Serving is same as for basic recipe.

Food as purchased	For 100-serving recipe	For serving recipe
Basic recipe Frozen red, tart, pitted cherries. Lemons	2 lb (9 medium, size 150)	

Ingredients	For 100 serv	rings of cobbler <i>or</i> crust 9-inch pies	For 200 ser 15 double	For	
Ingredients	Weights	Measures	Weights	Measures	servings
All-purpose flour	3 lb	3 qt	6 lb 1-1/4 oz	6 qt 2 Tbsp	
Shortening	2 lb 4 oz	1 qt 1-1/4 cups	4 lb 8 oz	2 qt 2-1/2 cups	• • • • • • • •
Cold water		About 2 cups		About 1 qt	

### DIRECTIONS

- 1. Blend flour and salt.
- 2. Cut in fat until mixture is granular.
- 3. Add water and mix.
- 4. FOR COBBLERS, divide in fourths and roll out

on lightly floured board to fit baking pan (about 12 by 20 by 2 inches). Use as required for recipe.

FOR PIES, roll out on lightly floured board, using about 7 oz per shell. Line 9-inch pie pans with pastry. Use as required for recipe or prick and bake 15 minutes at 400° F (hot oven).

### **CREAM PUDDING**

Desserts C-13

Ingredients	100 se	rvings For		Directions
nigreulents	Weights	Measures	servings	Directions
Hot milk	2 lb 8 oz	2 gal 2-1/2 qt . 1 qt 1-3/4 cups 2-1/4 tsp	• • • • • •	1. Add sugar and salt to milk; heat to simmering point.
Eggs	3 oz	1 qt 1/2 cup 1/3 cup		coloring. Stir mixture slowly into cornstarch.

SERVING: About 1/2 cup.

### **VARIATIONS**

- a. CHOCOLATE PUDDING: Omit food coloring. Add 12 oz (12 squares) melted bitter chocolate.
- b. COCONUT PUDDING: Add 1 lb 4 oz (2-1/4 qt) flaked coconut after cooking.
  c. PEANUT BUTTER PUDDING: Omit food coloring. Blend 3 lb 8 oz (1-1/2 qt) peanut butter with sugar and salt and stir into milk. Reduce water to 2 cups and cornstarch to 13-1/2 oz (3 cups). Chop 1 lb 9 oz. salted peanuts, and garnish each serving with a teaspoon of nuts.
- d. TAPIOCA PUDDING: Omit food coloring. Use 1 lb 7 oz (1 qt) tapioca in place of cornstarch.

T 1	100 se	ervings	For	Dina di ma
Ingredients	Weights	Measures	servings	Directions
All-purpose flour Cornstarch Baking powder Baking soda Salt Cinnamon Ginger	7 oz	1-1/2 cups 2-2/3 Tbsp 2-2/3 Tbsp 2 tsp 3 Tbsp		1. Blend dry ingredients except sugar.
Shortening Sugar	2 lb	1 qt 1/2 cup 1 qt 1/2 cup 2 qt		<ol> <li>Cream fat and sugar until well blended.</li> <li>Mix in molasses.</li> </ol>
Boiling water		2 qt		4. Add dry ingredients to creamed mixture alternately with water.
Eggs	1 lb 12-1/2 oz.	16 large		<ul> <li>5. Beat eggs; add to batter and beat 2 minutes.</li> <li>6. Pour into 4 greased baking pans (about 12 by 20 by 2 inches), about 5 lb (2-1/4 qt) per pan. Bake about 30 minutes at 350° F (moderate oven).</li> <li>7. Serve with warm lemon sauce, vanilla sauce, hot applesauce, or dust lightly with confectioner's sugar, or frost.</li> </ul>

SERVING: 1 piece, 2 by 3-3/4 inches.

To me diant.	100 se	ervings	For	Directions
Ingredients	Weights	Measures	servings	Directions
Compressed yeast or Active dry yeast Warm water (temperature 110° F). Eggs	or 2-1/2 oz	2/3 cup or 1/2 cup		warmed to room temperature
All-purpose flour Sugar Salt Nonfat dry milk Nutmeg Cinnamon Rolled wheat, ground. Shortening, softened. Water (temperature 65° F).		2-3/4 qt 1-1/2 cups 1-1/2 Tbsp 1-1/3 cups 1 Tbsp 2 tsp 2 cups 1-1/2 cups 3 cups		<ul> <li>4. Add water while mixing on low speed with dough hook for 1 minute. Add yeast mixture while on low speed for 4 minutes. Mix on medium speed for 10 minutes.</li> <li>5. Set bowl of dough in a warm place (90° F) about 30 minutes until doubled in volume.</li> </ul>
Orange cream frosting (see card C-26c).		2 qt		9. Glaze or ice with frosting.

SERVING: 1 doughnut.

▲Non-instant nonfat dry milk (card A—10).

About 2 quarts		2 quarts	For	Diversities
Ingredients	Weights	Measures	servings	Directions
Butter or margarine.	12 oz	1—1/2 cups		1. Cream fat until light and fluffy.
Confectioner's sugar. Boiling water				2. Add confectioner's sugar and water alternately. Beat well after each addition.
Salt Vanilla	1—1/2 oz	1/2 tsp 3 Tbsp		3. Blend in salt and vanilla. Beat until light and fluffy. YIELD OF FROSTING: Frosting for 2 sheet cakes (about 18 by 26 inches) or 200 cupcakes.

### **VARIATIONS**

- a. CHOCOLATE CREAM FROSTING: Blend 7 oz (2 cups) cocoa with sugar, increase water to 1-1/4 cups, and reduce vanilla to 1 oz (2 Tbsp).
- b. LEMON CREAM FROSTING: Use 1 oz (2 Tbsp) lemon extract in place of vanilla.
- c. ORANGE CREAM FROSTING: Reduce water to 3/4 cup and use 1/2 cup frozen orange juice concentrate (thawed) and 1 tsp lemon juice in place of vanilla.
- d. PEANUT BUTTER CREAM FROSTING: Use 12 oz (1-1/3 cups) peanut butter in place of butter or margarine; increase water to 1-2/3 cups and reduce vanilla to 1/2 oz (1 Tbsp).
- e. PINEAPPLE CREAM FROSTING: Use 1 oz (2 Tbsp) pineapple extract in place of vanilla. If desired, drained crushed pineapple may be added to taste.

Inquadianta	1 gallon		For	Dimedian	
Ingredients	Weights	Measures	servings	Directions	
Gelatin Cold water		1-1/3 Tbsp 1/2 cup	• • • • • •	1. Soften gelatin in 1/2 cup water.	
Nonfat dry milk Water	8 oz	1-2/3 cups▲ 1-3/4 cups		2. Sprinkle dry milk over 1-3/4 cups water and beat until smooth. Scald in double boiler about 6 minutes. Add gelatin. Cool.	
<b>★Lemon juice ★Orange juice</b>	4-1/2 oz 4-1/2 oz	1/2 cup		3. Beat in fruit juices, a small amount at a time. Store in refrigerator overnight.	
Sugar		1 tsp		speed until very stiff. Fold in sugar, salt,	

SERVING: About 2 tablespoons.

▲Non-instant nonfat dry milk (card A—10).

Food as purchased	For 1 gallon recipe	For serving recipe
Lemons	10-1/2 oz (3 medium, size 150) 9 oz (2 medium, size 163)	

Inmediants	100 servings		For	Directions
Ingredients	Weights	Measures	servings	Directions
All-purpose flour Sugar	3 lb 15 oz 5 oz 3 oz	3-3/4 qt 2-1/4 qt 1 cup▲ 1/2 cup 1-1/2 Tbsp		1. Blend dry ingredients 5 minutes in mixer on low speed.
Shortening Eggs Vanilla Water	1 lb 12—1/2 oz 1 oz	1 qt		<ol> <li>Add fat, eggs, vanilla, and half the water to dry ingredients. Blend 1/2 minute on low speed. Beat 5 minutes on medium speed.</li> <li>Add remaining water; blend 1/2 minute on low speed. Beat 2 minutes on medium speed.</li> <li>Pour batter into 2 greased sheet pans (about 18 by 26 inches), about 7 lb 2 oz (1 gal) per pan.</li> <li>Bake at 350° F (moderate oven) about 35 minutes until done.</li> </ol>

SERVING: 1 piece, 2-1/2 by 3-1/4 inches. ▲Non-instant nonfat dry milk (card A—10).

### VARIATION

<sup>★</sup>a. PINEAPPLE UPSIDE-DOWN CAKE: Pour 6 oz (3/4 cup) melted butter or margarine in each of 4 baking pans (about 12 by 20 by 2 inches) and cover with 1 lb (2-1/4 cups, packed) brown sugar. Place in each pan 1 lb 14 oz (3-1/4 cups) drained crushed pineapple. Pour 3 lb 9 oz (about 2 qt) cake batter into each pan. Bake at 350° F (moderate oven) about 50 minutes until done. Remove from oven. Invert each portion as served. One serving is a piece, 2 by 3-3/4 inches.

### \*MARKETING GUIDE FOR SELECTED ITEMS

Food as purchased	For 100-serving recipe	For serving recipe
Variation a Canned crushed pineapple	1-1/2 No. 10 cans	• • • • • • • • • • • • • • • • • • • •

### VANILLA COOKIES

Desserts C-25

Tracturadion to	100 servings		For	D: 4:	
Ingredients	Weights	Measures	servings	Directions	
All-purpose flour Baking powder Salt	$1-1/4 \text{ oz } \dots$	3-1/3 Tbsp		1. Blend dry ingredients except sugar.	
Butter or marga- rine. Sugar	1 lb 8 oz 2 lb	3 cups		2. Cream fat and sugar until well blended.	
Eggs	14 oz 1 oz	8 large 2 Tbsp		<ol> <li>Add eggs and vanilla; beat to blend.</li> <li>Add dry ingredients. Blend.</li> <li>Using No. 40 scoop (1-3/5 Tbsp), place cookies on greased baking sheets.</li> <li>Bake at 375° F (moderate oven) about 12 minutes until light brown.</li> </ol>	

SERVING: 1 cooky.

### **VARIATIONS**

- a. CHOCOLATE CHIP COOKIES: Add 1 lb 11 oz (1 qt) chocolate chips with flour mixture.
  b. COCONUT COOKIES: Add 12 oz (1 qt 1–1/3 cups) shredded coconut with flour mixture.
  c. RAISIN COOKIES: Add 1 lb 4 oz (3–1/3 cups) chopped seedless raisins with flour mixture.

DRY BEANS—KIND	Amount of dry beans (9 lb 4 oz)	Approximate amount of boiling water	Approximate cooking time 1
Beans, blackeye beans or peas Beans, red (kidney or pinto) Beans, lima:	1 gal 1—1/4 qt 1 gal 1—1/4 qt	3-3/4 gal	1/2 hour 2 hours
Large	1—1/2 gal	3-3/4 gal	1 hour 1 to 1—1/2 hours
Great northern Pea beans (navy or small white)	1 gal 1—1/4 qt 1 gal 1—1/4 qt	3-3/4 gal	1 to 1—1/2 hours 2 to 2—1/2 hours

### DIRECTIONS

- 1. Sort and wash beans.
- 2. Add beans and 2¾ oz (¼ cup) salt to boiling water.
- 3. Boil 2 minutes.
- 4. Remove from heat. Cover and let soak 1 hour or, if more convenient, cool and let beans stand overnight in refrigerator.
- 5. To season—add 2 lb bacon, pork jowls, or salt pork, diced, or 3 to 5 lb ham bones.
- NOTE: Precook meat in boiling water as needed to assure doneness before combining with beans.
- 6. Cook beans in soaking water for the time indicated or until tender. Begin counting cooking time when water returns to boiling point. Add boiling water if beans become dry.

YIELD OF COOKED BEANS: About 3 gal 2 cups—100 servings (½ cup each).

<sup>1</sup> Amount of water and cooking time will depend on age and variety of beans and type of water used. To shorten cooking time add 1 Tbsp baking soda to the 3-3/4 gal of water used for the 2-minute boil.

### Cooking Split Peas

	100 servings	, ½ cup each	For	
Ingredients	Weights	Measures	servings	Directions
Dry split peas Boiling water	10 lb	1 gal 1-1/4 qt. 2-3/4 gal	• • • • • • •	<ol> <li>Sort and wash peas.</li> <li>Add peas to boiling water. Boil 2 minutes. Cover and let soak 30 minutes.</li> </ol>
Salt	2-3/4 oz	1/4 cup		<ol> <li>Add salt.</li> <li>Divide peas and soaking liquid into 4 saucepans or stockpots (see note).</li> <li>Bring to boiling point. Simmer 20 minutes. Do not stir.         <ul> <li>or</li> <li>Place peas and soaking liquid in 4 baking pans (about 12 by 20 by 2 inches). Cover pans tightly. Bake at 350° F (moderate oven) 35 minutes.</li> </ul> </li> <li>YIELD OF COOKED PEAS: About 3 gal 2 cups.</li> </ol>

NOTE: Split peas are cooked in small batches to retain their shape and to avoid mashing.

	100 se	ervings	For	
Ingredients	Weights	Measures	servings	Directions
Boneless stew beef, cubed. Garlic, minced Water	19 lb 4 oz	4 cloves 3 gal		<ol> <li>Brown beef and garlic.</li> <li>Add water and simmer, covered, about 1 hour until meat is tender.</li> </ol>
All-purpose flour	1 lb 12 oz 4 oz	1-3/4 qt 1/4 cup 2 Tbsp		<ul> <li>3. While meat is cooking, remove about 1/2 gal of broth and allow to cool slightly.</li> <li>4. Stir broth into dry ingredients. Pour mixture into simmering meat, stirring constantly, until thickened.</li> </ul>
*Potatoes, diced (1-inch cubes). *Carrots, diced (1/2-inch cubes). *Celery, cut in 1- inch pieces. *Onions, quartered.	7 lb 4 lb	1-1/2 gal  1 gal 1-1/2 qt  3-1/2 qt  1 qt 2-3/4 cups		<ul> <li>5. Steam potatoes and carrots 18 minutes at 5 lb pressure and celery and onion 13 minutes until vegetables are tender.</li> <li>6. Add to meat mixture; combine carefully.</li> </ul>

SERVING: 1 cup-provides 2 ounces cooked lean meat and 1/2 cup vegetable.

### **VARIATIONS**

a. LAMB STEW: Use 19 lb 4 oz boneless stew lamb in place of beef.

b. LAMB OR BEEF PIE (with biscuit topping): Steam vegetables until almost tender. Add to meat mixture; combine carefully. Place hot stew mixture in 4 baking pans (about 12 by 20 by 2 inches), about 13 lb 4 oz (1 gal 2-1/4 qt) per pan. Top with biscuits (card B-3) and bake 12 to 15 minutes at 425° F (hot oven). A serving (1 cup plus 1 biscuit) provides 2 ounces cooked lean meat, 1/2 cup vegetable, and a serving of bread.

Food as purchased	For 100-serving recipe	For serving recipe
Carrots, without tops Celery	8 lb 10 oz	

Ingredients	100 servings		For	Directions	
Ingredients	Weights	Measures	servings		Directions
Ground beef ★Onions chopped	9 lb	2-2/3 cups		1.	Brown beef lightly. Add onions and cook until onions are clear, but not brown. Drain.
<b>★</b> Tomato puree Bean liquid and water.	9 lb				Add puree and liquid; simmer until beef is tender.
All-purpose flour Water	4 oz	1 cup 1 cup		3.	Make a paste of flour and water; add to beef mixture, stirring constantly.
*Cooked kidney or pinto beans, drained (card D−1). Salt	2 oz	3 Tbsp		5.	Add beans and seasonings. Cover and cook 1 to 1-1/2 hours until flavors are well blended and mixture is thickened, stirring occasionally to prevent sticking.

SERVING: About 1/2 cup-provides the equivalent of a 2-ounce serving of cooked lean meat.

Food as purchased	For 100-serving recipe	For serving recipe
Mature onions	1 lb 2 oz	

Ingredients –	100 servings		For	Divartions	
nigredients	Weights	Measures	servings	Directions	
Spaghetti Boiling water Salt		4 gal		1. Cook spaghetti (card B—1 through step 3). Drain.	
Ground beef  ★Onions, chopped	14 lb 10 oz 3 lb	2 qt		2. Brown beef lightly. Add onions and cook until onions are clear, but not brown. Drain.	
Cheese, shredded *Tomato paste *Tomato puree Salt Sugar	4 lb 12 oz   3 lb 6 oz   5-1/4 oz	2 qt			

SERVING: About 2/3 cup—provides the equivalent of a 2-ounce serving of cooked lean meat.

Food as purchased	For 100-serving recipe	For serving recipe
Mature onions	3 lb 6 oz	

	100 se	ervings	For	
Ingredients	Weights	Measures	servings	Directions
Ready-to-cook fry- ing chicken (cut- up).	41 lb 12 oz or			1. Thaw frozen chicken (card D-7). Wash and dry chicken parts.
Or Chicken breast halves.	30 lb 4 oz	100 pieces		
or Chicken drumsticks or Chicken thighs	or 18 lb 8 oz or 20 lb	or		
All-purpose flour Salt	1 lb 8 oz 2 oz	1—1/2 qt 3 Tbsp		2. Roll chicken parts with mixture of flour and salt. Place in a single layer on greased sheet pans (about 18 by 26 inches).
Oil or fat, melted	2 lb 8 oz	1-1/4 qt	• • • • • •	3. Pour fat over chicken and bake at 400° F (hot oven) 55 minutes until golden brown.

SERVING: 1/2 chicken breast or 1 drumstick with a wing or back or 1 thigh with a wing or back—provides 2 ounces or more cooked chicken meat or

SERVING: 1 drumstick or 1 thigh—provides about 1-1/2 ounces cooked chicken meat. (See Food Buying Guide for Type A School Lunches, PA-270).

### PORK AND SAUERKRAUT

Meat/Vegetable

Main Dishes D-44

100 servings		For	Diversión		
Ingredients	Weights	Measures	servings		Directions
Boneless fresh pork shoulder (picnic), sliced.	20 lb	100 slices (about 3 oz each).		1.	Place pork slices in 4 baking pans (about 12 by 20 by 2 inches).
*Sauerkraut, drained.	21 lb 4 oz	3—1/4 gal	• • • • • •	2.	Spread sauerkraut over pork slices, 5 lb 5 oz (3-1/4 qt) per pan.
All-purpose flour Sauerkraut liquid	2 oz	1/2 cup 2 qt			Blend flour with 1 cup of liquid. Add remaining liquid to flour mixture and pour over sauerkraut and pork, 2 cups per pan. Cover pans and bake 2 hours at 350° F (moderate oven).

SERVING: 1 slice plus 1/2 cup sauerkraut—provides 2 ounces cooked lean meat and 1/2 cup vegetable.

Food as purchased	For 100-serving recipe	For serving recipe
Canned sauerkraut	4—1/4 No. 10 cans	

Ingradients	100 se	100 servings		
Ingredients	Weights	Measures	servings	Directions
Cheese, shredded Hot milk	10 lb	2-1/2 gal 1-1/4 gal	• • • • • •	1. Add cheese to milk. Stir to blend.
Eggs  *Cooked rice (card B-2, using half	2 lb 3-1/2 oz . 16 lb 8 oz	20 large 2—3/4 gal		<ol> <li>Beat eggs; combine with rice. Add olives.</li> <li>Pour cheese sauce over rice mixture and mix well.</li> </ol>
the cooking time specified). Stuffed olives, chopped.	1 lb 4 oz	3-3/4 cups	• • • • • •	<ul> <li>4. Place in 4 greased baking pans (about 12 by 20 by 2 inches), about 9 lb 10 oz (1 gal 1/2 qt) per pan.</li> <li>5. Bake at 350° F (moderate oven) 40 minutes until light brown.</li> </ul>

SERVING: About 2/3 cup-provides the equivalent of a 2-ounce serving of cooked lean meat.

### **VARIATIONS**

- ★a. CHEESE-HAM-RICE CASSEROLE: Use only 7 lb (1-3/4 gal) shredded cheese and add 3 lb (2 qt 1-1/2 cups) coarsely chopped cooked ham.
  b. CHEESE-LUNCHEON MEAT-RICE CASSEROLE: Use only 7 lb (1-3/4 gal) shredded cheese and add 3 lb
  - (2-1/4 qt) diced luncheon meat.

**★See Marketing Guide.** 

Food as purchased	For 100-serving recipe	For serving recipe
v ariauon a	5 lb 8 oz	

	100 se	ervings	100	
Ingredients	Weights	Measures	Forservings	Directions
*Carrots, diced	3 lb	2 qt 3-1/2 cups		1. Cook carrots and celery together in boiling salted water 15 minutes. Drain. Reserve liquid for gravy.
All-purpose flour Salt	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2-1/4 qt 1/4 cup 1 qt 1/2 cup 2-1/4 gal		2. Blend flour, salt, and fat; stir in hot liquid. Cook and stir constantly until thickened.
*Cooked green peas, drained.  *Onions, chopped  *Cooked chicken or turkey, diced. Unbaked biscuits (card B−3).	1 lb	1 qt 2-3/4 cups 2-2/3 cups 2-1/2 gal 100	• • • • • • • • • • • • • • • • • • • •	<ol> <li>Combine gravy, vegetables, and chicken or turkey.</li> <li>Placed in 4 greased baking pans (about 12 by 20 by 2 inches), about 10 lb 4 oz (4-3/4 qt) per pan.</li> <li>Bake 30 minutes at 425° F (hot oven).</li> <li>Remove from oven. Top with biscuits.</li> <li>Bake 12 to 15 minutes at 450° F (very hot oven).</li> </ol>

SERVING: 2/3 cup plus 1 biscuit—provides 2 ounces cooked chicken or turkey meat, 1/4 cup vegetable, and a serving of bread.

Food as purchased	For 100-serving recipe	For serving recipe
Canned green peas	3 lb 11 oz	

	1 gallon		For		
Ingredients	Weights	Measures		Directions	
Dehydrated onion flakes. Water		2 cups		1. Soak onion flakes in water 15 minutes. Drain flakes; discard water. Chop flakes and place in a bowl; add garlic salt. Mash flakes with the back of a spoon.	
Paprika		$3-1/3$ Tbsp $\dots$		2. Add dry ingredients to onion mixture. Mix well.	
sauce.	5 lb 6 oz	4 drops		<ul><li>3. Blend in remaining ingredients.</li><li>4. Store in refrigerator.</li><li>5. Shake before using.</li></ul>	

### **VARIATIONS**

a. CREAM FRENCH DRESSING: For 1 gallon dressing, add 2 lb 4 oz (1 qt) evaporated milk to 3 qt French dressing.

b. HONEY FRENCH DRESSING: Use 1/2 cup 1 Tbsp honey in place of sugar.

★c. TOMATO FRENCH DRESSING: For 1 gallon dressing, add 2 lb 7 oz (1 qt) catsup to 3 qt French dressing.

Food as purchased	For 1-gallon recipe	For	recipe
Variation c Catsup	1/3 No. 10 can		

Ingredients 100 servings	For	Directions		
mgredients	Weights	Measures	servings	Directions
*Head lettuce *Spinach, chopped	1 lb	2 qt		
French dressing (card F-2).		1 qt		3. Serve with dressing.

SERVING: 1/2 cup-provides 1/2 cup vegetable.

### **VARIATIONS**

\*a. TOSSED SALAD WITH CARROTS: Use 2 lb (2 qt) shredded carrots in place of radishes.

\*b. TOSSED SALAD WITH TOMATOES: Use 5 lb 12 oz (1 gal) cubed tomatoes in place of cucumbers.

### **★**MARKETING GUIDE FOR SELECTED ITEMS

Food as purchased	For 100-serving recipe	For serving recipe	
note). Mature onions	13-1/2 oz		

NOTE: Lettuce, spinach, and carrots for salad, Food Buying Guide for Type A School Lunches, PA-270.

Ingredients	100 servings		For	Directions
Ingredients	Weights	Measures	servings	Directions
Oil or fat, melted Vinegar Water *Catsup Brown sugar *Onions, chopped *Celery, chopped Dry mustard Salt	5 lb 10 oz 7 oz	1-1/4 cups 1-1/2 qt		tables, and seasonings. Heat thoroughly but do not cook enough to soften vegetables.
*Cooked beef, coarsely chopped.	12 lb 8 oz	2-1/2 gal		2. Add beef. Reheat.
Hamburger rolls		100		<ul> <li>3. Cut rolls in half and toast, if desired.</li> <li>4. Portion filling with No. 12 scoop (1/3 cup) on bottom half of each roll; top with other half of roll. Serve hot.</li> </ul>

SERVING: 1 sandwich—provides 2 ounces cooked lean meat and a serving of bread.

### **VARIATIONS**

★a. BARBECUED CHICKEN OR TURKEY: Use 12 lb 8 oz (2-1/2 gal) chopped cooked chicken or turkey in place of beef and broth in place of water.
★b. BARBECUED LAMB OR PORK: Use 12 lb 8 oz (2-1/2 gal) chopped cooked lamb or pork in place of beef.

Food as purchased	For 100-serving recipe	For serving recipe
Mature onions	3/4 No. 10 can 13—1/2 oz 2 lb 11 oz Use amount specified for 100 servings in Food Buying Guide, PA— 270.	

### PEANUT BUTTER-CARROT-RAISIN SANDWICH

Meat Alternate/Vegetable and Fruit/Bread

Sandwiches G-5

	100 servings			
Ingredients	100 servings		For	Directions
8	Weights	Measures	servings	
rine, softened.	7 lb 4 oz 2 lb 4 oz			1. Blend peanut butter, fat, and salt in mixer on low speed.
Raisins	5 lb 4 oz 3 lb	1 gal 1 cup 3 qt		<ol> <li>Grind raisins and mix with carrots.</li> <li>Blend carrots and raisins with peanut butter mixture.</li> </ol>
<b>★</b> White bread	• • • • • • • • • • • • • • • • • • • •	200 slices		<ul> <li>4. To prepare sandwiches see card G-1.</li> <li>5. Portion filling with No. 16 scoop (1/4 cup).</li> </ul>

SERVING: 1 sandwich—provides 2 tablespoons peanut butter, 1/4 cup vegetable and fruit, and a serving of bread.

### **VARIATION**

★a. PEANUT BUTTER-FIG SANDWICH: Omit salt, raisins, and carrots. Chop 4 lb (2 qt) drained canned figs. Mix chopped figs, 7 lb 4 oz (3 qt 1/2 cup) peanut butter, 2 lb 4 oz (1 qt 1/2 cup) softened butter or margarine, and 1—3/4 cups fig juice. Portion with No. 16 scoop (1/4 cup) onto bread. Top with bread slice. One sandwich provides 2 tablespoons peanut butter and a serving of bread.

Food as purchased	For 100-serving recipe	For serving recipe
slice). Variation a	3 lb 11 oz	

	100 servings		For	
Ingredients	Weights	Measures	servings	Directions
Dry beans		3-3/4 gal		1. Soak beans in water with baking soda added (card D-1 through step 4).
Ham bones  *Onions, chopped Sugar Salt Celery salt Water	2 lb 10 oz 5—1/4 oz	1—3/4 qt 2 Tbsp 1/2 cup 1/4 cup		
All-purpose flour Water	10 oz	2—1/2 cups 3 cups		<ul> <li>3. Blend flour and water and add to soup. Simmer 10 minutes, stirring occasionally.</li> <li>4. Remove ham bones.</li> </ul>

SERVING: 1 cup-provides 1/2 cup cooked dry beans.

VARIATION

Food as purchased	For 100-serving recipe	For serving recipe		
Mature onions	2 lb 15 oz	•••••••••••		

a. FRANKFURTER-BEAN SOUP: Use only 7 lb (1 gal) beans and, a few minutes before serving, add 3 lb (2-1/2 qt) sliced frankfurters to soup. Reheat and serve. One cup provides the equivalent of a 2-ounce serving of cooked lean meat.

### Meat Alternate

	100 servings		For	
Ingredients	Weights	Measures	servings	Directions
Dry split peas Water Ham bones *Carrots, ground *Onions, ground Bay leaves Salt Celery salt	$1 lh 4 oz \dots$	1-1/4 at		<ol> <li>Simmer all ingredients 2 hours or until desired consistency.</li> <li>Remove ham bones before serving.</li> </ol>

SERVING: 1 cup—provides 1/2 cup cooked dry peas.

Food as purchased	For 100-serving recipe	For serving recipe
Carrots, without tops	1 lb 8—1/2 oz	

Prepare fresh vegetables either for serving raw or for cooking as shown below. Wash greens in one or more lots of tap water until there is no sand on the leaves. Lift greens out of water instead of pouring off water. If insects are present in broccoli, cauliflower, or greens, soak the vegetable in cold salted water for ½ hour and drain them before serving raw or before cooking.

For amount to purchase, see Food Buying Guide

for Type A School Lunches, PA-270.

### DIRECTIONS FOR PREPARING

ASPARAGUS SPEARS—Break off tough stalk ends. Wash. If sandy under scales, scrape off scales.

BEANS, BLACKEYE BEANS OR PEAS—Shell. (Scald pods to make shelling easier.) Rinse.

BEANS, GREEN OR WAX—Wash. Trim ends; remove any strings. Cut or break into 1-inch pieces.

BEANS, LIMA—Shell. (Scald pods to make shelling easier.) Rinse.

BEET GREENS-Wash thoroughly. Sort; cut off tough stems.

BEETS—Remove tops, leaving a 2-inch stem on beets. Wash. Do not pare or remove roots until beets are cooked.

BROCCOLI SPEARS—Cut off tough stalk ends. Wash. Cut broccoli lengthwise, if thick to speed cooking.

BRUSSELS SPROUTS—Remove discolored outer leaves. Wash.

CABBAGE—Remove discolored outer leaves. Wash. Quarter and core. Crisp in cold water, if wilted. Cut in wedges or shred.

CARROTS-Wash. Scrape or pare. Cut as desired.

CAULIFLOWER—Remove outer leaves and stalks. Break into florets. Wash.

CELERY-Trim. Wash. Cut as desired.

CHARD-Wash thoroughly. Sort; cut off tough stems.

COLLARDS—Wash thoroughly. Sort; strip leaves from tough stems.

CORN ON COB-Husk; remove silks. Rinse; do not allow to stand in water.

EGGPLANT-Wash. Pare and cut in pieces or slices.

KALE—Wash thoroughly. Sort; strip leaves from tough stems.

MUSTARD GREENS—Wash thoroughly. Sort; cut off tough stems.

OKRA-Wash. Remove stem ends or cook whole.

ONIONS, MATURE—Peel; rinse. Quarter if large, or cut as desired.

PARSNIPS—Wash. Pare. Quarter lengthwise and cut as desired.

PEAS, GREEN-Shell. Rinse.

POTATOES—Scrub. Cook in skins or pare. Remove eyes; cut large potatoes to serving size.

PUMPKIN—Wash. Cut in half; remove seeds, fiber, and peel. Cut in pieces. (If peel is hard and tough, soften by steaming or boiling 10 minutes.)

RUTABAGAS-Wash. Pare and cut as desired.

SPINACH—Wash thoroughly. Sort; cut off tough stems.

SQUASH, SUMMER-Wash. Trim and cut as desired.

SQUASH, WINTER—Wash. Cut in half; remove seeds, fiber, and peel. Cut into pieces. (If peel is hard and tough, soften by steaming or boiling 8 to 10 minutes.)

SWEETPOTATOES—Scrub. Sort for size.

TURNIP GREENS—Wash thoroughly. Sort; cut off tough stems.

TURNIPS-Wash. Pare and cut as desired.

In ma dianta	100 servings		For	Diversations	
Ingredients	Weights	Measures	servings	Directions	
★Canned whole kernel corn, drained (reserve	9 lb 9 oz	1 gal 2-1/4 qt		1. Divide corn and green peppers into 4 greased baking pans (about 12 by 20 by 2 inches).	
liquid).  ★Green peppers,  chopped.	5—1/4 oz	1 cup	• • • • • •		
Nonfat dry milk  Corn liquid and water.  Eggs  Butter or margarine, melted.  Salt	4 lb	1-1/2 gal		4. Add eggs, fat, and salt to milk; blend well. 5. Cover corn with egg-milk mixture, about 3	

SERVING: 1 piece, 2 by 3-3/4 inches-provides 1/4 cup vegetable.

Food as purchased	For 100-serving recipe	For serving recipe		
Canned whole kernel corn Green peppers	2—1/4 No. 10 cans			

<sup>▲</sup>Non-instant nonfat dry milk (card A—10).

Each recipe in this file is designated to provide 100 servings of a specified size or a given quantity of food. Since most schools will not serve exactly 100 lunches each day, it is necessary to increase or decrease the number of servings in a recipe.

When increasing a recipe, consider the size of the equipment and the recommended size of a batch for a good quality product. If necessary, make several batches of the recommended size to get the total number of servings required for the school.

### TO CHANGE THE SIZE OF A 100-SERVING RECIPE

- 1. On the front of the recipe cards, in the column headed "For \_\_\_ servings", write the number of servings needed.
- 2. Divide this number by 100 to obtain a factor.
- 3. Multiply the amount of each ingredient (weight or measure) by the factor to obtain the amount to prepare for the required number of servings. Enter this amount in the recipe opposite the ingredient.
- 4. On the back of the recipe card in the Marketing

- Guide, in the column headed "For \_\_\_ serving recipe", record the number of servings needed.
- 5. Multiply the amount of each ingredient by the factor to obtain the amount to purchase. Enter this amount in the Marketing Guide opposite the food.
- 6. Convert decimal parts of volume or weight measures to the nearest measurable amounts. Use card A-9 to change decimal parts of 1 pound to ounces, 1 cup to tablespoons, and 1 gallon to cups.

### EXAMPLE: 325 servings of MASHED POTATOES (J-16)

Ingredients	100 servings		For <u>325</u>		
	Weights	Measures	servings	Calculations	
<b>★Potatoes, pared</b>	23 lb 8 oz		76 lb 6 oz	$325 \div 100 = 3.25$ (a factor) $23.5 \text{ lb} \times 3.25 = 76.375 \text{ lb}$ (76  lb  6  oz)	
				1 $\dot{q}t \times 3.25 = 3.25 \ qt (3-1/4 \ qt)$ 1.75 $\dot{q}t \times 3.25 = 5.69 \ qt$ (1 gal 1-3/4 $\dot{q}t$ )	
Salt	2 oz 1 lb	3 Tbsp 2 cups	6-1/2 oz 3 lb 4 oz	$2 \text{ oz } \times 3.25 = 6 - 1/2 \text{ oz}$ $1 \text{ lb } \times 3.25 = 3.25 \text{ lb } (3 \text{ lb 4 oz})$	

SERVING: 1/2 cup.

NOTE: The weight (or measure) of a prepared food is the actual quantity needed to prepare the recipe.

<b>★</b> MARKETING GUIDE FOR SELECTED ITEMS					
Food as purchased	For 100-serving recipe	Calculations			
Potatoes	29 lb	94 lb 4 oz	29 lb × 3.25 lb = 94.25 lb (94 lb 4 oz)		

NOTE: The weight of the food as purchased should give the amount needed if GOOD QUALITY FOOD is purchased and it is prepared by methods that result in a minimum of waste. More food may be needed to obtain the amount specified in the recipe if lower quality food is used and preparation losses are above average.

Nonfat dry milk reconstituted with water may be used in place of fluid milk in recipes in this file. Nonfat dry milk may also be mixed with the dry ingredients in the recipe and the water for reconstitution used in place of milk specified.

The volume measure given in quantity recipes in

this card file is always for non-instant nonfat dry milk (see note below). Directions for using nonfat dry milk to prepare fluid skim milk, buttermilk, and sour milk are given below. See below for weight-volume equivalents.

How to Prepare Fluid Skim Milk, Buttermilk, and Sour Milk<sup>1</sup>

Ingredients	1 gallon red	constituted	Directions	
ingredients	Weights	Measures	Directions	
FLUID SKIM MILK Nonfat dry milk Non-instant  or Instant Water, room temperature.	or 14 oz	3 cups or 1 qt 1—1/3 cups . 3—3/4 qt	water and beat with mixer, rotary beater, or wire whip until smooth or Mix instant dry milk and water in a gallon	
BUTTERMILK Nonfat dry milk Non-instant or Instant Lukewarm water Commercial buttermilk.	or 14 oz	3 cups or 1 qt 1—1/3 cups . 3 qt 2 cups	<ol> <li>Reconstitute nonfat dry milk with lukewarm water. Stir in buttermilk.</li> <li>Cover. Let stand at room temperature 8 hours. Stir until smooth.</li> <li>Cover and refrigerate until used.</li> </ol>	

<sup>&</sup>lt;sup>1</sup> To prepare Sour Milk, use 1 cup vinegar in place of 1 cup of the water in Fluid Skim Milk recipe.

### Reconstitution of Nonfat Dry Milk (Fluid Skim Milk = Nonfat Dry Milk + Water)

Fluid skim milk				
	XX7 - 1 - 1	Meas	Water	
	Weight	Non-instant	Instant	
1 quart 2 quarts 3 quarts 1 gallon 2 gallons 3 gallons 4 gallons 5 gallons 6 gallons	7 oz	3 cups	1—1/3 cups	1 qt 3-1/2 cups 2-3/4 qt 3-3/4 qt 1 gal 3-1/2 qt 2 gal 3-1/4 qt 3-3/4 gal 4-3/4 gal

NOTE: To determine the volume of instant nonfat dry milk to use in a recipe, multiply the volume of non-instant nonfat dry milk given in the recipe by the factor 1.8.

Nonfat dry milk donated to schools is intended for use in cooking and is fortified with Vitamins A and D. One cup (reconstituted) provides 500 International Units of Vitamin A and 100 International units of Vitamin D.

